		1	T .				Γ.
PHASE 2+6	G	G	G	G	R	R	
2+6 CHANGE	Υ	Υ	Y	Υ	R	R	
PHASE 4	R	R	R	R	G	G	4
4 CHANGE	R	R	R	R	Y	Υ	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	- 1

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 332 AND CAPITAL HEIGHTS BLVD IN PRINCE GEORGE'S COUNTY. MD 332 IS ASSUMED TO RUN IN A EAST WEST DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA (3) THREE-PHASE FULLY-TRAFFIC-ACTUATED MODE WITH EASTBOUND AND WESTBOUND MARYLAND 332 APPROACHES OPERATING CONCURRENTLY, CAPITAL HEIGHTS BLVD APPROACHE WILL OPERATE ALONE.

CONTROLLER REQUIREMENTS:

A FULLY - TRAFFIC - ACTUATED - EIGHT- PHASE TRAFFIC SIGNAL CONTROLLER IN A BASE - MOUNTED SYSTEM READY CABINET WITH ONE (I) FOUR - CHANNEL LOOP DETECTOR AMPLIFIER, INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, AND ASSOCIATED HARNESSES HOUSED IN A NEMA SIZE "6" BASE MOUNTED CONTROLLER.

MAINTENANCE OF TRAFFIC

THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED FOR THE PROJECT

STANDARD NO. MD-105.00 STANDARD NO. MD-105.01 STANDARD NO. MD-105.02 STANDARD NO. MD-105.101 (FLAGGING OPERATION) STANDARD NO. MD-105.103 (INTERSECTION FLAGGING OPERATION) STANDARD NO. MD-105.105 (SHOULDER WORK)

STANDARD NO. MD-105.107 (LANE SHIFT) STANDARD NO. MD-105.109 (LANE SHIFT) NOTE: STANDARDS TO BE MODIFIED BY REPLACING

W21-5 SIGN WITH A W29-I SIGN (ROAD WORK AHEAD).

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS DISTRICT ENGINEER PHONE: (301) 513-7311

MR. MAJID SHAKIB ASSISTANT DISTRICT ENGINEER - TRAFFIC

MR. JOE GECKLE

PHONE: (301) 967-5325

H,I,J,K — ___C,D,J,I,K A,C,D-A,C,D,H, I, J, K, L E,H-----

WIRING KEY

2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)

STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

5-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)

3-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

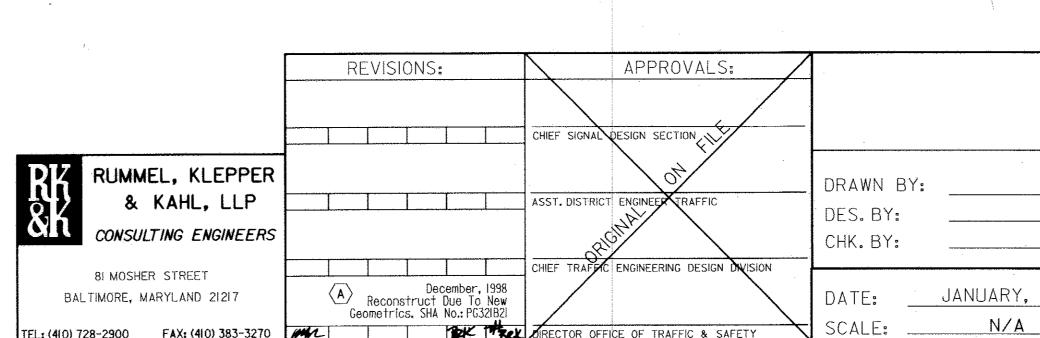
7-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)

JANUARY, 1999

LW - LOOP WIRE (NO. 14 A.W.G.)

PF - POWER FEED (NO. 4 A.W.G.)

+ - $\frac{3}{4}$ IN. × IO FT. GROUND ROD



EL: (410) 728-2900 FAX: (410) 383-3270 MIL DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE #_16033200.28 MD 332 (CENTRAL AVENUE) AT DRAWN BY:

SMH CAPITOL HEIGHTS BLVD DES. BY: SMH SIGNAL PLAN ВЈН CHK. BY:

COUNTY: PRINCE GEORGE'S

SHEET NO. TS/STD. NO.: F.A.P. NO. SEE TITLE SHEET

3872A-GI1 S.H.A. NO. PG321B21 ___ OF ____

PHONE: (301) 513-7358

UTILITY ENGINEER PHONE: (301) 513-7350

MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS: POTOMAC ELECTRIC POWER COMPANY MR. RON BEESON 8300 OLD MARLBORO PIKE UPPER MARLBORO, MARYLAND 20772

SS-5